Presentation to Expeditionary Warfare Symposium

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Operational Environment of 2015

The Joint Force Commander needs flexible options that allow response in an environment of varying access (mostly decreasing) and vulnerability (mostly increasing)

The JFC must be able:

To project
- With desired capabilities
- To nearly any location, regardless of infrastructure
- Rapidly when required

To employ as required and desired
- In a distributed battlespace
- Without unintentional pause
- For as long as required

To achieve strategic aim

Force Projecting and Sustaining in a Limited Access High Threat Environment

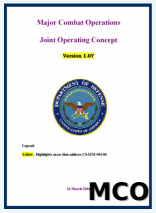
- Seabasing works in concert with expeditionary airfield and seaport construction, airfield and seaport seizure, and global strike to open entry for follow on forces.
- Inherent protection offered by Seabasing provides the JFC with the option to posture more joint sustainment support in a lower threat environment.

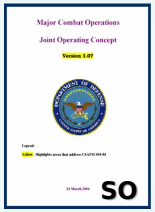
Joint Service-Sponsored Wargames

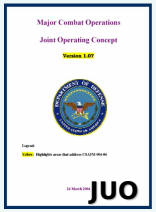
Joint Context

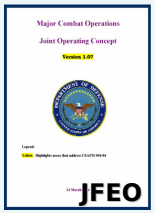
1. Use of Joint Concepts that
   a. Include SJFHQ with enabling capabilities as the "baseline."
   b. Assist in developing and defining joint operating concepts derived from the Joint Operations Concepts.
   c. Provide alternate approaches to joint problems
2. The Joint, Interagency, and Multinational Warfighters' community is represented to ensure "Born-Joint" Concept development.
3. Uses common, consistent and transparent joint data, tools, services, joint analyses and metrics.
4. Results in development of actionable joint force recommendations.
5. Uses one or more of the common set of scenarios.

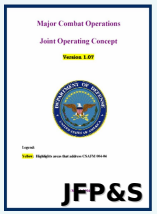
How?





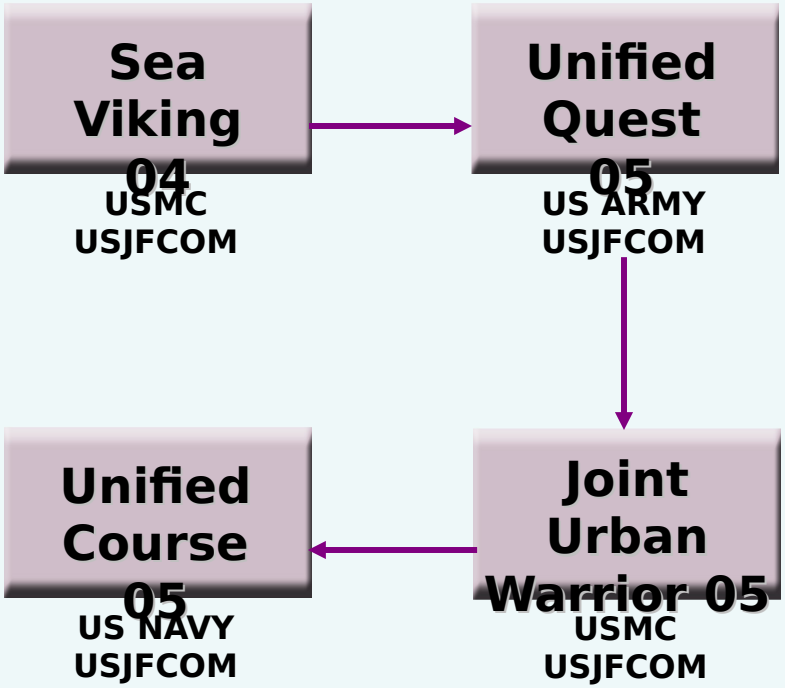






Joint Context Applied

Joint Operating Concepts
Joint Integrating Concepts



Joint Sea Basing Emphasis

- "Coherently joint" force projection
- "Effects-based"
- "DIME" – National (& multinational) capabi
- Global, adaptive system ("sense and respo

Joint Sea Basing "Experimentation Hypothesis"

IF a coherently joint expeditionary force is rapidly deployed, employed, sustained, and reconstituted/redeployed from a joint sea base,

AND operations/logistics are interrelated and networked through an adaptive command and control infrastructure,

AND with the necessary connectors and interdependent nodes/platforms/capabilities,

THEN sufficient combat power can be applied earlier to deter conflict and rapidly set the conditions for defeating an adaptive, asymmetric adversary in a distributed, anti-access/area denial environment, thereby leading to earlier conflict resolution

USJFCOM Objectives
Sea Viking 04

- Inform and refine Joint Forcible Entry (**JFEO**) and Major Combat Operations (**MCO**) Concept Papers
- Inform the Joint Sea Basing (**JSB**) section of the Joint Force Projection & Sustainment (**JFP&S**) Concept
- Expand our understanding of the distributed collaborative information environment (**CIE**) and the effects based planning process (**EBP**)

SV04 Objectives for Sea Basing

- **Joint C2 capabilities/architectures** integrating all forces in the JOA including those associated with the Sea Base
- Capabilities required of 2015+ Sea Base **platforms & connectors** to enable joint/multinational/inter-agency interdependence/interoperability
- Sea Base **command relationships** (role of JFMCC, designation of Sea Base commander/coordinator, combined logistics commander, etc)
- Sea Base **force protection** requirements (integration of land, maritime, and air/space based protection assets – "Joint Shield")
- Sea Base as combined "**operational support base**" (sustainment, mobility, maintenance, medical, reconstitution, C2, etc)
- Sea Base capability to rapidly **combine/reconstitute force capabilities** across Services, Agencies, Multi-national partners
- Sea Base contribution to ability of joint force to effectively **"sense, adapt, and respond"** to emerging opportunities (operations and logistics)
- Integration of the Sea Base into a broader "**global adaptive power projection system**" of adaptive basing, global C2, etc

Inform the Capabilities Based Assessment of the Seabasing Joint Integrating Concept

Final Thoughts

- JSB tenets are woven throughout USJFCOM experimentation efforts - emerging concepts (Major Combat Operations, Joint Forcible Entry Operations, etc.) all have JSB elements built-in
- Sea Viking 04 will experiment with several JSB related processes – the first step
- FY05 experimentation plans will help further define JSB role in the joint environment

Backups

Joint Sea Basing Background at JFCOM

- Research on Shallow Draft/High Speed Vessels (SDHSV)
- Joint Logistics Afloat Concept – Unified Quest 03
- QDR Studies – Advanced Mobility Concepts, Joint Forcible Entry Ops
- Interaction with OSD/FT on “Sense & Respond”
- Joint Sea Basing Concept initiation – Unified Course 04
- JFCOM/J9 Joint Deployment, Employment, & Sustainment (JDES) Campaign Plan
- “Partnered” Experiments: Unified Quest, Unified Course, Sea Viking, others
- OSD/AT&L Joint Expeditionary Force Projection/Sea Basing Capabilities Office

Joint Sea Basing Vision

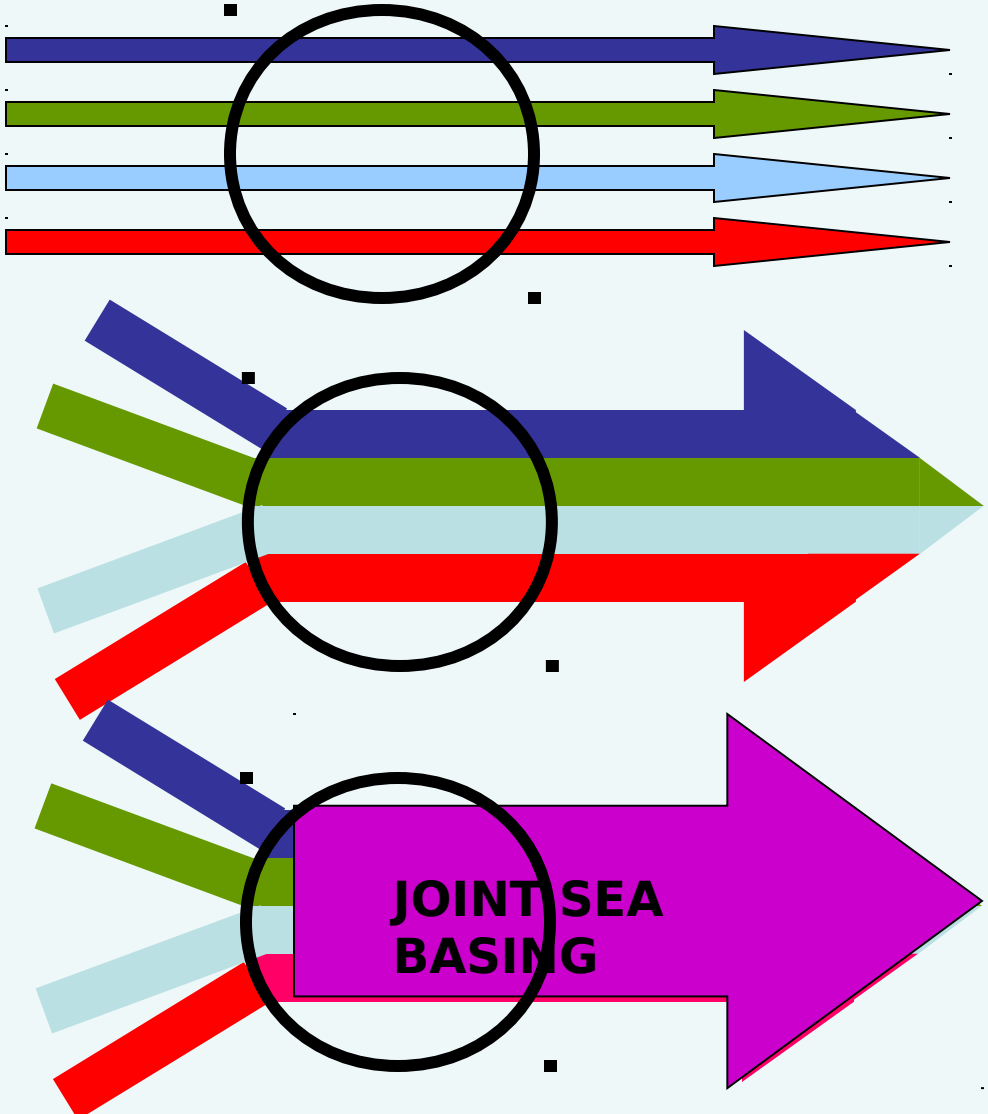
Capitalizing on US maritime dominance and exploiting the maneuver space of the sea, Joint Sea Basing will expand our nation's ability to conduct rapid, decisive operations in distributed, non-contiguous, anti-access environments while reducing our dependence on fixed infrastructure. By leveraging advanced concepts and technologies in knowledge-centric warfare and mobility platforms, ***Joint Sea Basing will provide our national leadership and the Joint Force Commander real options to project and sustain synchronized, adaptable Joint Force Capabilities Packages and create the coherent effects necessary for early conflict resolution.***

How “Joint” is Joint Sea Basing?!!

“Deconflicted”

“Interoperable”

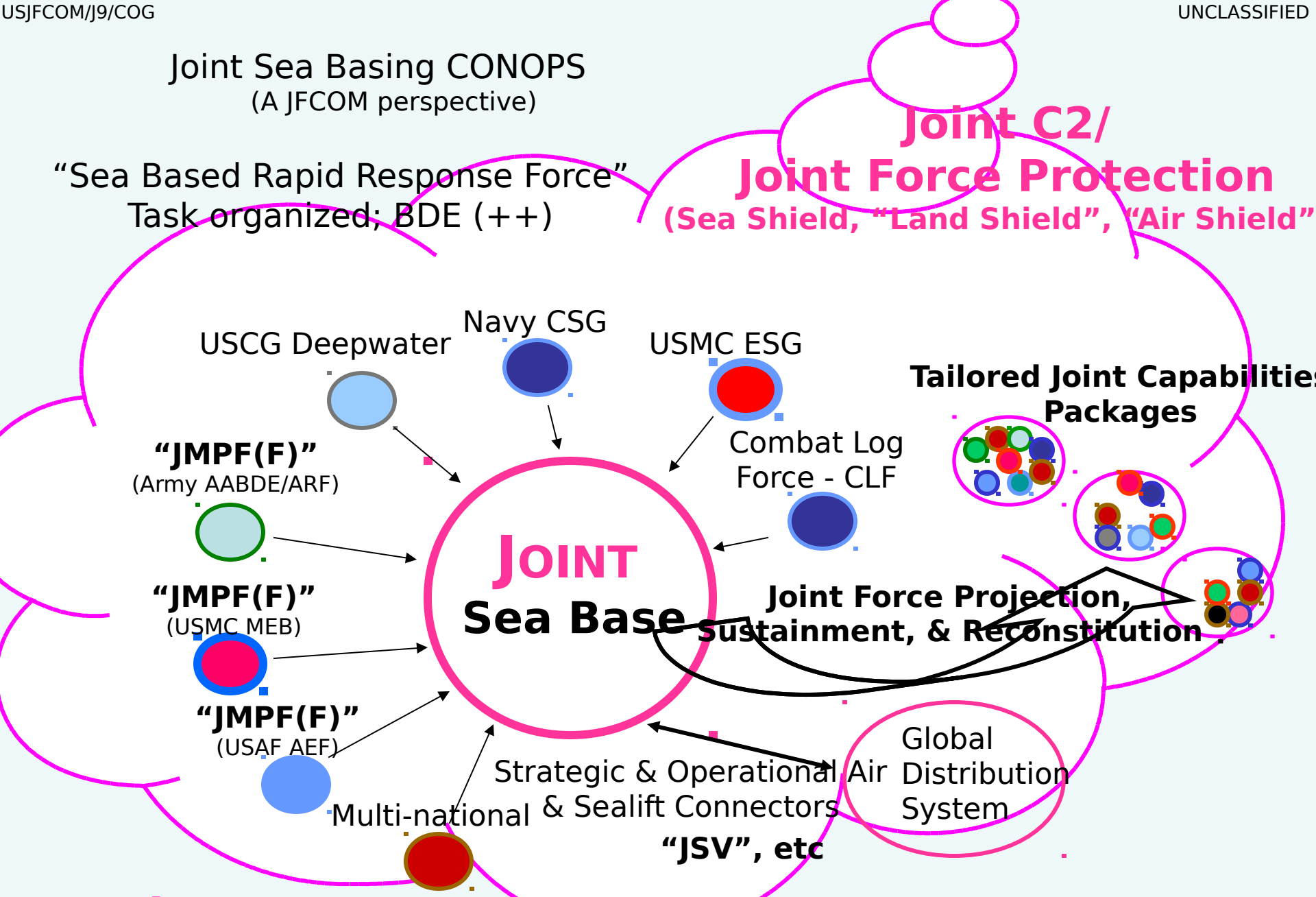
“Interdependent”



Joint Sea Basing CONOPS
(A JFCOM perspective)

"Sea Based Rapid Response Force"
Task organized: BDE (++)

Joint C2/
Joint Force Protection
(Sea Shield, "Land Shield", "Air Shield")



"JMPF(F)" – Joint Maritime Prepositioning Force (Future) (common platforms/tailored load-out)

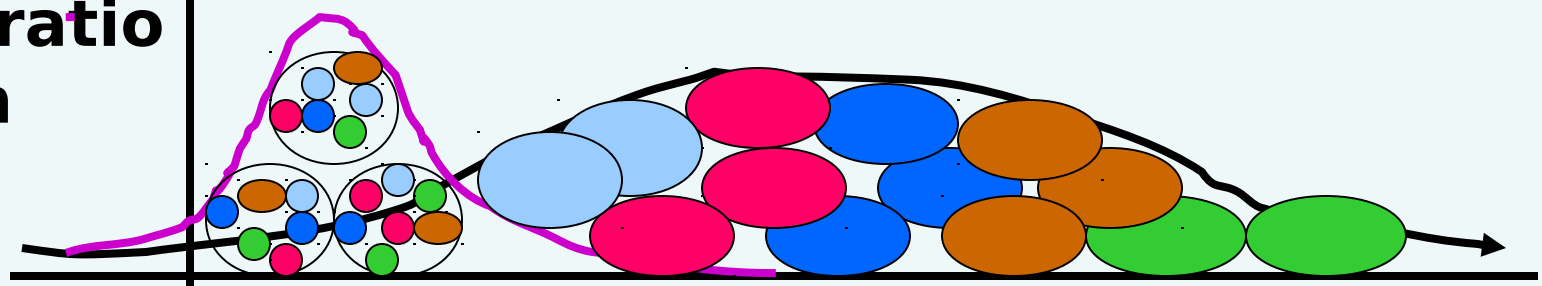
"JSV" – Joint Support Vessel

Joint Sea Basing

Contribution to early conflict resolution

Combat Capability and desired effects generation

How? “Pro Bowl team concept”; mix & match world class capabilities; highly synchronized, networked, adaptable & interdependent



Time

C2 Nodes and Senior Role

Case # 1

Examine Functions of

SeaBase Coordinator

USPACOM
Mentor: Gen(R) Hawley

CIACG
Mentor: Mr. Dayton Maxwell

CTF BLUE
Commander: VADM Fitzgerald
Deputy Commander: MajGen(R) Admire
Mentor: LTG(R) Schroeder

SJFHQ CE
Chief of Staff: Col Baker

JIACG

Examine Functions of

Logistics Coordinator

III MEF
Commander: LtGen(R) Bedard

CFMCC
Commander: RDML Stevenson
Mentor: LtGen(R) Knutson

CFACC
Commander: Col Mc Roberts

CFSOCC
Mentor: MG(R) Bowra

TF South
Commander: Col Dunham
Mentor: BRIG Bornholt

TF Green
Commander: BG Fastabend/ BG Freakley

3rd MEB
Commander: BGen Wilson

ESF
Response Cell

MPF
Response Cell

TUSWC
Response Cell

SV 04 Capabilities Seminar Recommendation

- Insight: Joint Sea Basing is an essential element of JFEO but remains challenging to develop and integrate.

- Discussion from executive Session:
  - A Joint program office is necessary to develop and integrate this capability
  - Integration of Joint requirements and capabilities essential
    - Connectors are essential to enable the sea base
    - MPF F
    - C2
    - Sea Shield

C2 Nodes and Senior Role

Case # 2

USPACOM
Mentor: Gen(R) Hawley

CIACG
Mentor: Mr. Dayton Maxwell

CTF BLUE
Commander: VADM Fitzgerald
Deputy Commander: MajGen(R) Admire
Mentor: LTG(R) Schroeder

SJFHQ CE
Chief of Staff: Col Baker

JIACG

Examine Functions of

CFSCC
Commander:
JFPS Concept Rep

SEABASE
Commander: VADM(R) Amerault

III MEF
Commander: LtGen(R) Bedard

CFMCC
Commander: RDML Stevenson
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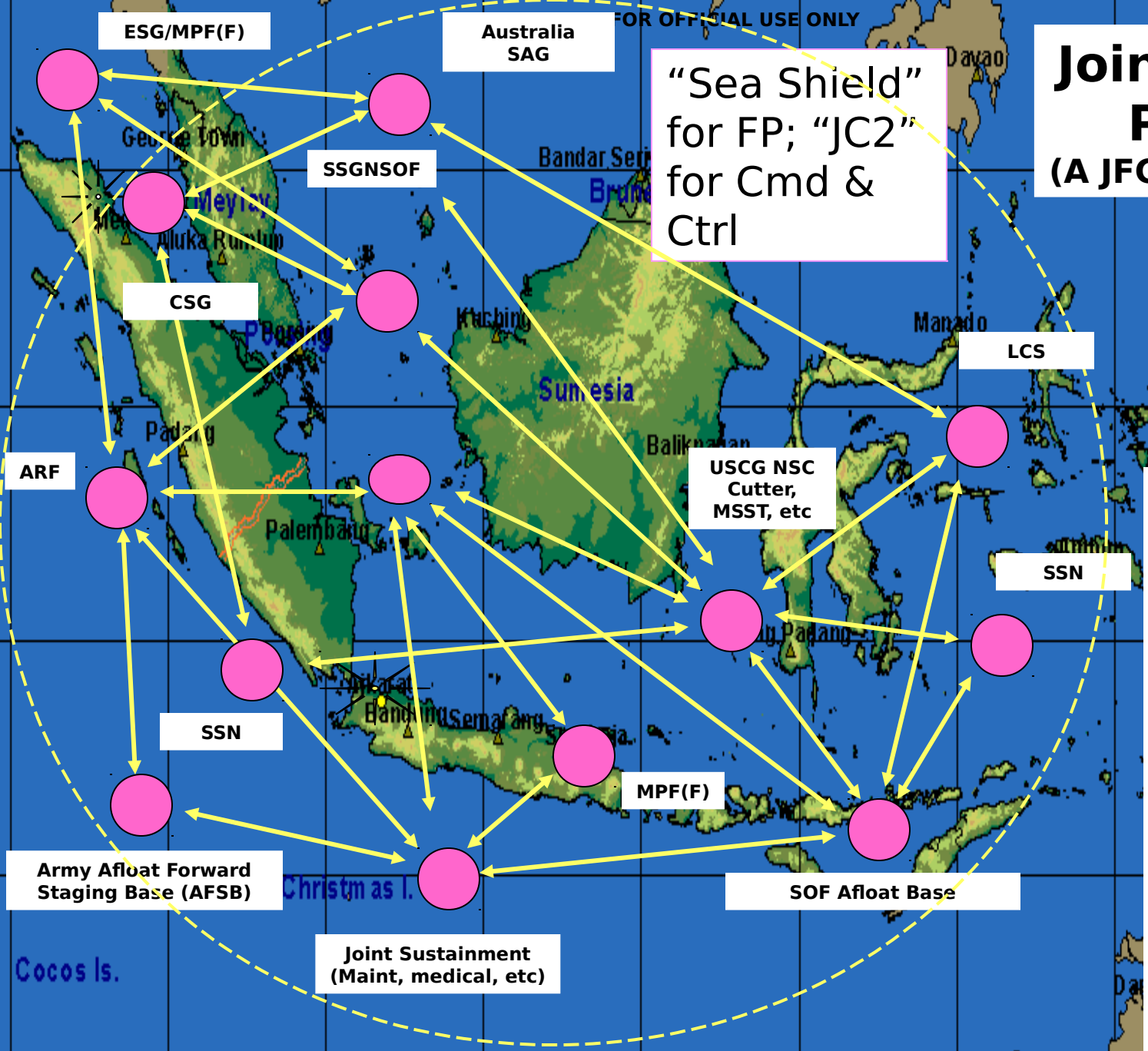
Joint Sea Base Phase III
(A JFCOM perspective)

"Sea Shield" for FP; "JC2" for Cmd & Ctrl



Potential Capabilities:

- Joint Deployment, Employment, & Sustainment (JDES)
- JFEO
- JC2
- OMFTS/OMFSD
- Joint Medical
- SOF support
- Joint Maintenance
- Reconstitution
- Regeneration
- Sustainability
- Distribution Hub

Illustrative Joint Sea Basing Capabilities

Force Deployment and Employment
(Force Projection)

Close Joint Forces quickly by leveraging all forms of advance transportation simultaneously

Project Joint Forces to distributed locations, for multiple types of operations by air and sea simultaneously.

Provide the Joint Commander real options to rapidly configure joint force capability packages to produce desired effects.

Regenerate and reconstitute Joint combat effectiveness at sea.

Force Sustainment

Provide A Dynamic Distribution Capability to meet unit level needs

Rapidly configures joint force sustainment packages for follow on operations

Indefinitely Sustain joint forces through global linkages to strategic capabilities.

A Component Part Of A Global Sense And Respond Logistics System

Provide Joint Force Medical Services And A Key Interface with civilian and military centers of

UC04 Sea Basing Insights

- Part of the Naval Operating Concept for Joint Operations
- Capability, not a “thing” or a “place”
- Must be developed within Joint Deployment, Employment and Sustainment context
- Potential as a joint concept: requires participation from all Services

UQ 04 Joint Sea Basing Insight

Emerging Insight: Joint Sea Basing (JSB) enhanced Blue's ability to **deploy**, **maneuver**, **protect** and **sustain** forces

Observations:

- JSB complemented service capabilities and enabled tailored joint responses (Joint-Logistics-Over-the-Shore, Army/Air Force Prepositioned Stocks, Maritime Prepositioned Force-Future, Marine Expeditionary Brigade), providing the Joint Force Commander greater flexibility
- Deployment
  - Improved strategic responsiveness
  - Decreased dependency on fixed Ports-of-Debarkation
- Maneuver: enabled early over-the-horizon closure, sustainment and maneuver of the joint force
- Protection: leveraged Sea Shield for force protection
- Sustainment
  - Reduced footprint ashore
  - Better access to common logistics support

Sea Viking 04 (SV04) Overview

- A joint co-sponsored experiment
- Derived from the USMC SEA VIKING Concept Development & Experimentation and Prototype Campaign
- Discovery Experiment (Modeling & Simulation supported, staff planning based seminar)
- Participants (J9 Suffolk)
  - JFCOM
  - Services
  - Combatant Cmdrs (STRATCOM, TRANSCOM, SOCOM)
  - Joint Staff
  - Multi-National (Australia, UK, Canada, Germany, France, Sweden)
  - Inter-Agency (State/CRS)
- Unclass distributed-collaborative environment

Joint Sea Basing Command and Control

Experiment Research Question

Is there a need for a Sea Base Command distinct from the Combined Force Maritime Component Commander? Can a Combined Force Support Component Command perform this function?

Talking Points

- Joint Sea Base vs. sea base envisioned in Naval Operating Concept
- Command and control of the Joint Sea Base requires an organization, capability and architecture that can integrate all forces, from all domains, from all services associated with the Sea Base

Joint Sea Basing Capabilities

Experiment Research Question

What future service capabilities are required for joint force projection and sustainment through a Sea Base?

Talking Points

- Joint protection and joint fires
- Joint network-centricity
- Multi-service capabilities
  - MPF
  - ARF
  - Connections
  - Commercial shipping

Basing Options

Experiment Research Question

In 2015, what should be the proper mix of basing options that can facilitate JFEO options?

Talking Points

- Forward basing remains essential – but a challenge
- Forward presence can be tailored – less fixed
  - Sea Base
  - Expeditionary basing
  - CONUS base
  - Overseas fixed bases
- 10-30-30 is extremely challenging, requiring significant capability to deploy operational forces from strategic differences – and a mix of basing options

Joint Deployment and Support Organization (JxDS)

Experiment Research Question

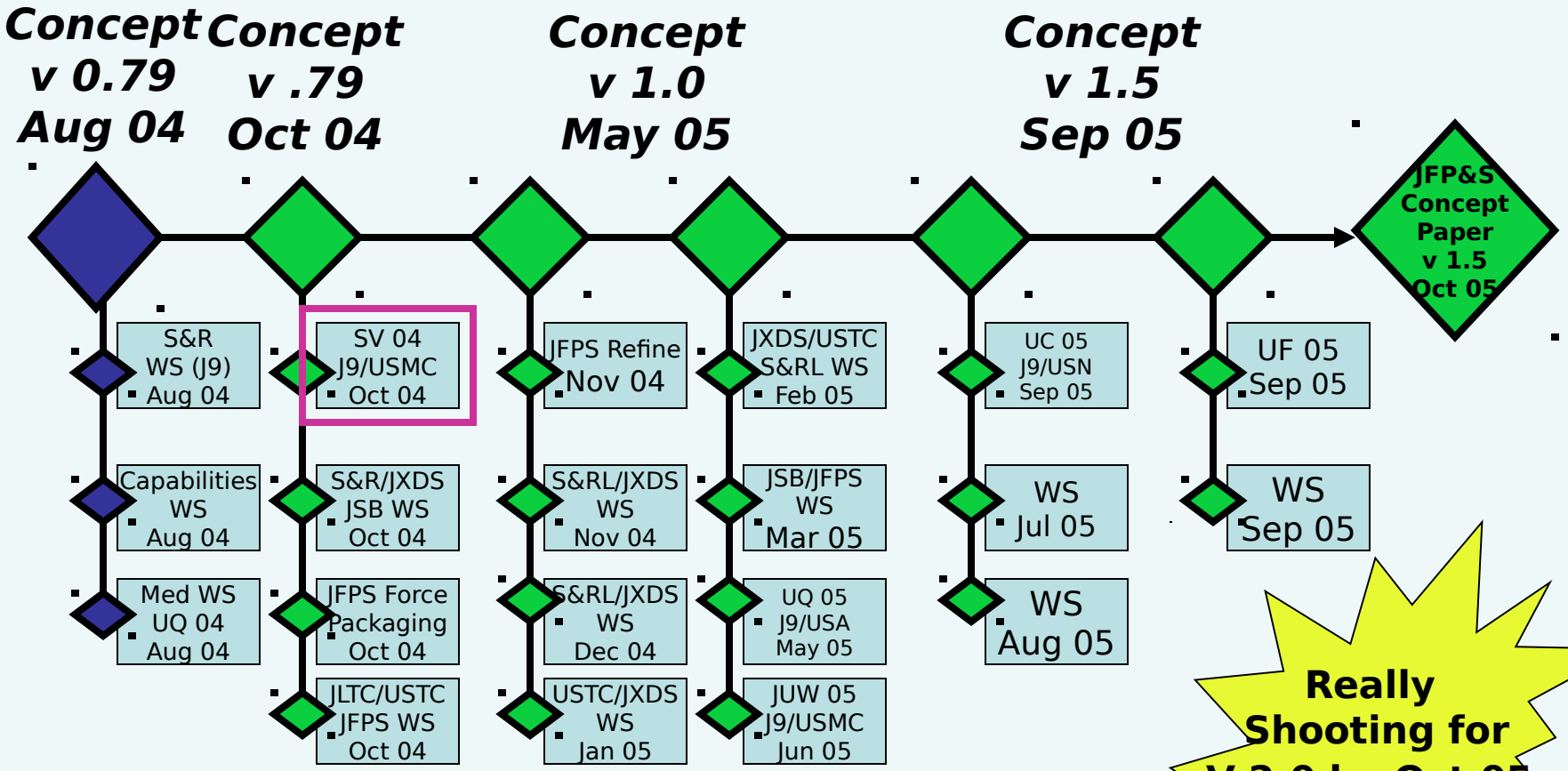
What is the value added of a centralized Combined Force Support Component Command that exercises clear directive authority over specific support functions?

Talking Points

- Global JxDS
- Supports RCC when a war fighter
- Operational value added to CTF

4. Multinational support functions

JFP&S Joint Operating Concept/Joint Health Service Support JX DS/Joint Sea Basing


Concept v 0.79 Aug 04
Concept v .79 Oct 04
Concept v 1.0 May 05
Concept v 1.5 Sep 05
JFP&S Concept Paper v 1.5 Oct 05
S&R WS (J9) Aug 04
Capabilities WS Aug 04
Med WS UQ 04 Aug 04
SV 04 J9/USMC Oct 04
S&R/JXDS JSB WS Oct 04
JFPS Force Packaging Oct 04
JLTC/USTC JFPS WS Oct 04
JFPS Refine Nov 04
S&RL/JXDS WS Nov 04
S&RL/JXDS WS Dec 04
USTC/JXDS WS Jan 05
JXDS/USTC S&RL WS Feb 05
JSB/JFPS WS Mar 05
UQ 05 J9/USA May 05
JUW 05 J9/USMC Jun 05
UC 05 J9/USN Sep 05
WS Jul 05
WS Aug 05
UF 05 Sep 05
WS Sep 05

Legend

- Blue: Task Completed
- Green: Task on Track
- Yellow: Requires J9 Attention
- Red: Requires JFCOM or higher

Really Shooting for V 2.0 by Oct 05

Potential Products

- **Joint Force Sustainment Command (Jx DS)**
- **Sustainment Visibility**
- **System for Global Force Management**

Seabasing as a Contributor to Joint Force Projection and Sustainment